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|---|------------------------|-------------------|
| UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i> | Attorney Docket No. | |
| | First Inventor | Wayne J. Gregoire |
| | Title | Owner |
| | Express Mail Label No. | EF218006429US |

| | |
|---|---|
| APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents. | ADDRESS TO: Commissioner for Patents Mail Stop Patent Application P.O. Box 1450 Alexandria VA 22313-1450 |
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| | |
|--|---|
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i> 2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 3. <input checked="" type="checkbox"/> Specification [Total Pages 28] <i>(preferred arrangement set forth below)</i> - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 17] 5. Oath or Declaration [Total Sheets 45] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i> i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> a. <input type="checkbox"/> Computer Reader Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper c. <input type="checkbox"/> Statements verifying identity of above copies |
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ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
 10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
 11. ☐ English Translation Document *(if applicable)*
 12. ☐ Information Disclosure Statement (IDS)/PTO-1499 ☐ Copies of IDS Citations
 13. ☐ Preliminary Amendment
 14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
 15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
 16. ☐ Nonpublication Request under 35 U.S.C. 122
 (b)(2)(B)(i). Applicant must attach form PTO/SB/35
 or its equivalent.
 17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

Prior application information:

Examiner:

Art Unit:

For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

OR ☒ Correspondence address below

| | | | | | |
|---------|--------------------|-----------|--------------|----------|--------------|
| Name | Wayne J. Gregoire | | | | |
| Address | 12771 Gordon Drive | | | | |
| City | Eden Prairie | State | MN | Zip Code | 55346 |
| Country | USA | Telephone | 952-944-7053 | Fax | 952-829-7333 |

| | | | |
|-------------------|--------------------------|-----------------------------------|----------|
| Name (Print/Type) | Wayne J. Gregoire | Registration No. (Attorney/Agent) | |
| Signature | <i>Wayne J. Gregoire</i> | Date | 06-20-03 |

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P. . Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

17525 U.S. PTO
10/601040
06/20/03

06/20/03

17264 U.S. PTO

PTO Form 17 (05-03)

Approved for use through 04/03/2003. OMB 0831-0002
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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**FEE TRANSMITTAL
for FY 2003**

Effective 01/01/2003, Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$375.00)

Complete if Known

| | |
|----------------------|-------------------|
| Application Number | |
| Filing Date | June 20, 2003 |
| First Named Inventor | Wayne J. Gregoire |
| Examiner Name | |
| Art Unit | |
| Attorney Docket No. | |

METHOD OF PAYMENT (check all that apply)☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:

| | |
|------------------------|--|
| Deposit Account Number | |
| Deposit Account Name | |

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments☐ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|------------------------|------------|
| 1001 750 | 2001 375 | Utility filing fee | 375.00 |
| 1002 350 | 2002 185 | Design filing fee | |
| 1003 520 | 2003 260 | Plant filing fee | |
| 1004 750 | 2004 375 | Reissue filing fee | |
| 1005 600 | 2005 300 | Provisional filing fee | |
| SUBTOTAL (1) | | | (\$375.00) |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims | Basic Claims | Fee from before | Fee Paid |
|---------------------------|--------------|-----------------|----------|
| Independent Claims | -30** = | X | |
| Multiple Dependent Claims | -5** = | X | |

| Large Entity | | Small Entity | | Fee Description |
|--------------|----------|--------------|----------|--|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | |
| 1202 | 65 | 2202 | 9 | Claims in excess of 20 |
| 1201 | 64 | 2201 | 42 | Independent claims in excess of 3 |
| 1203 | 260 | 2203 | 140 | Multiple dependent claims, if not paid |
| 1204 | 64 | 2204 | 42 | ** Reissue independent claims over original patent |
| 1205 | 65 | 2205 | 9 | ** Reissue claims in excess of 20 and over original patent |

** Fee number previously paid, if applicable. For Reissue, see above.

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|---|----------|
| 1001 130 | 2001 65 | Surcharge - late filing fee at cash | |
| 1002 50 | 2002 25 | Surcharge - late provisional filing fee at cash | |
| 1003 130 | 2003 65 | Non-English specification | |
| 1512 2,530 | 2512 1,265 | For filing a request for substantive examination | |
| 1604 900* | 1604 450* | Requesting publication of SPR prior to Examiner's action | |
| 1605 1,840* | 1605 920* | Requesting publication of SPR after Examiner's action | |
| 1251 160 | 2251 80 | Extension for reply within first month | |
| 1252 410 | 2252 205 | Extension for reply within second month | |
| 1253 630 | 2253 315 | Extension for reply within third month | |
| 1254 1,450 | 2254 725 | Extension for reply within fourth month | |
| 1255 1,570 | 2255 785 | Extension for reply within fifth month | |
| 1401 520 | 2401 260 | Notice of Appeal | |
| 1402 520 | 2402 260 | Filing a brief in support of an appeal | |
| 1403 280 | 2403 140 | Request for oral hearing | |
| 1451 1,510 | 2451 755 | Petition to institute a public use proceeding | |
| 1452 110 | 2452 55 | Petition to revoke - unworkable | |
| 1453 1,300 | 2453 650 | Petition to revoke - unreasonable | |
| 1501 1,300 | 2501 650 | Utility issue fee (for reissue) | |
| 1502 470 | 2502 235 | Design issue fee | |
| 1503 630 | 2503 315 | Plant issue fee | |
| 1480 130 | 2480 65 | Patents to the Commissioner | |
| 1607 50 | 1607 25 | Processing fee under 37 CFR 1.07(g) | |
| 1608 160 | 1608 80 | Subscription of Information Disclosure Sheet | |
| 3021 40 | 6021 20 | Recording each patent assignment per property (Serial number of properties) | |
| 1800 750 | 2800 375 | Filing a substantive appeal after final rejection (37 CFR 1.129(a)) | |
| 1810 750 | 2810 375 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1808 750 | 2808 375 | Request for Continued Examination (RCE) | |
| 1802 900 | 1802 450 | Request for accelerated examination of a design application | |

Credit fee (specify):

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

(Complete if applicable)

| | | | | |
|-------------------|--------------------------|-----------------------------------|-----------|--------------|
| Name (Print/Type) | Wayne J. Gregoire | Registration No. (Attorney/Agent) | Telephone | 952-944-7053 |
| Signature | <i>Wayne J. Gregoire</i> | | Date | 06-20-03 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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